

**The Commonwealth of Massachusetts**

**ANNUAL REPORT**

OF

**THE TRUSTEES**

OF THE

**FOXBOROUGH STATE HOSPITAL**

FOR THE

**YEAR ENDING NOVEMBER 30, 1929**

**DEPARTMENT OF MENTAL DISEASES**



# FOXBOROUGH STATE HOSPITAL

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DR. WILLIAM C. GAEBLER, *Assistant Superintendent*.  
DR. CORNELIA B. J. SCHORER, *Senior Physician*.  
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MR. CHARLES H. THURSTON, *Head Farmer*.  
MR. ROMEO ROSS, *Maintenance Foreman*.  
MISS ELIZABETH L. MOSELEY, *Head Psychiatric Social Worker*.  
MISS MILDRED J. SHANNON, *Principal Clerk and Stenographer*.  
MISS CONSTANCE M. GARROD, *Occupational Therapist*.  
MR. HENRY A. TURNER, *Head Industrial Therapist*.  
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MISS MARY WELSH, *Dietitian*.  
MRS. JENNIE A. O'BRIEN, *Chief Female Supervisor*.  
MR. ALBERT D. KELLY, *Chief Male Supervisor*.

## TRUSTEES' REPORT

*To His Excellency the Governor and the Honorable Council:*

In presenting this, our annual review, for the fiscal year ending November 30, 1929, we have no ill report to bring. No serious ill fortune has beset us as an institution. On the other hand, the work has been orderly, well-sustained and we believe in a measure progressive. Our present superintendent, Dr. Roderick B. Dexter, after a full year has shown himself a careful, painstaking and efficient administrator. As Trustees, he commands our full confidence and support.

In February Bennet B. Bristol of Foxborough was chosen a Trustee to succeed Leroy W. Stott who died May 14, 1928.

On June 8, 1929, our Board of Trustees met with a signal loss in the death of Charles P. Holland of Brockton. Mr. Holland was possessed of a pure soul and by nature and training he was unusually well qualified for the office of a Trustee in which capacity he served with signal and devoted efficiency. At a later date Horace A. Keith of Brockton was chosen a Trustee to succeed him.

We view with painful regret the death on November 22, 1929 of Mr. Howard F. Irish. Mr. Irish has served in the capacity of steward with marked efficiency since November 24, 1914. He was a man of unusual aptitude for the work he had in hand, and of a most engaging and lovable character.

During the year Wards, A, G and S have been thoroughly renovated and put into use, very materially adding much needed room for patients; and the remodeling of wards C and D under special appropriation is now in favorable progress. For the further development of the Hersey Farm which is at a distance remote from the Main Hospital there is urgent need of a small dormitory. The necessity of transporting both employees and working patients, both night and morning, is an uneconomical process and should be remedied at an early date. A small and suitable dormitory at the Farm would do away with this necessity. We recommend it.

Your trustees have given diligent and thoughtful attention to the care of the

institution and believe that the results have commended themselves to those who know; for we are happy to report during the year encouraging visits to the Hospital have been made by the Committee on Public Institutions, the Joint Ways and Means Committee and the Governor's Council. We hope the results commend themselves to your honorable approval.

Respectfully submitted,

CHARLES A. LITTLEFIELD, *Chairman*

BENNET B. BRISTOL, *Secretary*

WILLIAM H. BANNON,

THOMAS J. SCANLAN

CLAIRE H. GURNEY,

MINNA R. MULLIGAN,

HORACE A. KEITH.

## SUPERINTENDENT'S REPORT

*To the Trustees of the Foxborough State Hospital:*

The thirty-eighth annual report of the Superintendent of the Foxborough State Hospital for the fiscal year ending November 30, 1929 and for the statistical year ending September 30, 1929, is respectfully submitted:

### PATIENT POPULATION

The quota of patients for the year as established by the Department of Mental Diseases was 970. On October 1, 1928, there were males 459, females 498, total 957. On September 30, 1929, there were males 474, females 516, total 990.

Most of the new admissions consisted of acute cases sent directly from the nearby towns. Because of reconstruction going on one or more of our wards for women patients were closed during the year. This fact made it impossible to receive the usual number of new admissions from Boston and accounts for a lower admission rate than that of the previous year. Many cases were placed on trial visit and owing largely to a careful supervision in the home by the Social Service Department the majority of them were able to remain in the community. At the close of the year there were 32 ex-service men in the hospital. The statistical tables found elsewhere in this report give a complete record of the movement of population.

Owing to the large number of beds provided for male patients it has been possible to use Ward S for female patients temporarily to meet the need of additional space for women while Building C and D is being reconstructed. Ward S was completed and occupied on February 14, 1929. Reconstruction of Ward G was completed and the ward reoccupied on February 25, 1929. Ward A was then closed and renovated. It was reopened on July 22, 1929, making possible the closing of Wards C and D the remodelling of which is now being done under a special appropriation granted for that purpose.

### MEDICAL SERVICE

Changes in Personnel: Dr. William A. Malamud resigned July 31, 1929, to accept a position as Assistant Professor of Psychiatry in Iowa State University. During the several years he was a member of the Staff of this Hospital he had charge of the laboratories, as Pathologist, and served as a clinical director. Valuable research was carried on under his direction and many papers were published based upon studies carried on at the hospital. Dr. Konstantin Lowenberg who had assisted in the work of the laboratories for a period of two years resigned in February to return to Europe. Dr. Raymond A. Johnson was appointed Assistant Physician July 1, 1929. Dr. Johnson received the degree of A. B. from Harvard University and a Medical Degree from Yale University Medical School. Just prior to his appointment here he served an internship in the New Haven Hospital. On October 14, 1929, Dr. William C. Gaebler was appointed Assistant Superintendent. Dr. Gaebler received his preliminary education in the University of the State of New York and his Medical Degree from the New York Homeopathic Medical School. After a general hospital internship in the Metropolitan Hospital, New York City he joined the Staff of the Middletown State Hospital, Middletown, New York. In 1922 he became an Assistant Physician on the Staff of the Westborough State Hospital. He was made a Senior Physician in October, 1924, which position he held until transferred to his present position at the Foxborough State Hospital. On December 1, 1929, Dr. Hyman J. Weisman joined our staff as an Assistant Physician. Dr. Weisman obtained the degree of A. B. from Harvard



University and is a graduate of the Tufts University Medical School. He served a general hospital internship in the Cambridge Hospital.

Staff meetings have been held daily. All newly admitted cases have been presented for diagnosis and all cases leaving the hospital on trial visit or discharge have been likewise examined.

The necessary equipment for the new operating suite has been obtained and at the close of the year the suite is in readiness for major surgery to be done there.

#### EMPLOYEES

On October 1, 1928, there were 199 persons in the employ of the hospital. During the year the daily average was 200. The total number appointed was 116, and the total number resigned and discharged was 113.

#### GENERAL HEALTH OF THE HOSPITAL

During the year there seemed to be somewhat less than the average amount of sickness. In January, there were a number of cases of influenza but these were mild in character. A few sporadic cases of infectious disease arose but there was no spread of infection.

#### X-RAY AND PHYSIOTHERAPY

For several months at the beginning of the year it was found impossible to secure the services of a technician for the department, following the resignation of the former technician to take post-graduate work. This resulted in a smaller number of cases receiving treatment than during the preceding year. In May, 1929, Miss Mary V. Villone was appointed X-ray Technician and Physio Therapist. Since that time the usual amount of work has been done. A number of changes have been made in X-ray apparatus and additional equipment secured which now makes possible all forms of radiography. 514 skiagraphs have been taken on a total of 326 patients.

The treatments in physiotherapy were given as follows: Diathermy, 185; baking, 288; massage, 230; deep therapy, 134; ultra-violet, 312; total treatments, 1,149.

#### HYDROTHERAPY

Early in the year it became possible to open for use the new Tonic Bath Suite. Dr. Rebekah Wright, the Hydrotherapist for the Department of Mental Diseases, conducted a course in hydrotherapy for a period of three months giving special instruction to members of the Medical Staff and training to the hydrotherapists. Since that time the suite has been in daily use, one half day each for male and female patients under the direction of the hydrotherapists. Much benefit was derived by patients it being possible to administer treatment to many cases not suitable to other forms of therapy. Briefly summarized the treatments were as follows:

	Males	Females
Number of patients given wet sheet packs . . . . .	67	46
Number of packs administered . . . . .	170	147
Number of hours of treatment given in wet sheet packs . . . . .	508	435
Number of patients given continuous bath treatment . . . . .	212	250
Number of bath treatments given . . . . .	1,974	2,098
Number of hours of continuous bath treatments given . . . . .	15,492	14,341
Number of tonic bath treatments . . . . .	6,377	1,389

#### OCCUPATIONAL THERAPY

Since the appointment of Miss Constance M. Garrod to the position of Head Occupational Therapist an effort has been made to extend this valuable therapeutic measure to as many suitable patients as possible. Additional space has been provided on the ground floor of the M and N Building. Classes for both men and women have been carried on throughout the day not only in the special rooms but also on the wards. The installation of additional equipment has greatly facilitated the treating of larger groups. In this department the outstanding feature is the marked change for the better in the mental condition of the patients, the articles produced being considered of only secondary importance. At the close of the year there were 102 patients under treatment and according to present plans this number should be almost doubled within a few months. Two students from

the Boston School of Occupational Therapy were at the hospital as students during the summer completing the practical work of their course.

The work done by the classes is shown by the following list: — 56 woven rugs, 228 runners, 2 crayon curtains and valences, 6 curtain valences, 3 waste paper baskets, 246 face cloths, 15 braided rugs, 32 bed slippers, 2 pillow tops, 8 prs. curtain tie backs, 1 child's sweater, 52 yds. crochet lace, 9 prs. men's suspenders, 78 yds. spool knitting, 7 yds. tatting, 4 reed flower baskets, 4,835 sponges, 93 prs. men's hose, 268 doz. dish towels, 1 table scraped and painted, 6 chairs scraped and painted, 3 benches scraped and painted, 1 cigarette stand (wooden), 377 hand towels, 150 bath towels, 6 lamp shades, 2 wall hangings, 2 prs. book ends, 2 door stops, 2 toy dogs.

Field work: — 16,144 lbs. beans picked, 2,033 lbs. peas, 1,993 lbs. strawberries, 3,574 lbs. corn prepared for cannery, 12,040 lbs. beans prepared for cannery, 14,411 lbs. tomatoes prepared for cannery.

#### WOMEN'S INDUSTRIAL

Additional power machines placed in the sewing room have made possible the production of a larger amount of work with much less expenditure of effort. Much of the mending is now done by patients employed on the wards. This has also resulted in increasing the output of manufactured articles from the sewing room. Renovation of the work rooms including a resurfacing of the floors added greatly to the pleasing appearance of the suite.

*Made:* 340½ dresses, 1 doz. dusters, 2 extractor covers, 2 doz. foot straps, 9 hydro covers, 8 hydro gowns, 17 hydro hammocks, 24 bag covers, 168 garters, 18 aprons, 2 doz. glove cases, 35 doz. handkerchiefs, 52 kitchen holders, 3 doz. kitchen shirts, 1 laboratory sheets, 233 laundry bags, 53 laundry board covers, 2 mattress covers, 61 mattress ticks, 92 napkins, 364¾ doz. night dresses, 23 coffee bags, 2 doz. pack sheets, 14 painters drop cloths, 3 pillows, 164¾ pillow cases, 8 doz. pillow ticks, 4 rubber pillow ticks, 950 doz. pads, 177 prs. sash curtains, 24 screen covers, 38 doz. sheets, 27 abdominal binders, 5½ doz. aprons, 5½ doz. bags, 11 bath robes, 30 blankets, 154 doz. bleached sheets, 113 prs. bloomers, 2 canvas drop cloths, 2 chair pads, 4½ doz. white coats, 201 combinations, 11 couch sets, 18½ doz. covers, 18 cloth covers, 33½ doz. curtains, 6 dairy caps, 2 dish machine curtains, 60 prs. drape curtains, 28¾ doz. shirts, 1 doz. sheets (laparotomy), 314½ doz. (unbleached) sheets, 70½ doz. short night dresses, 11½ doz. slips, 2 stretcher table pads, 6 surgeon caps, 12 surgeon gowns, 4 surgical sheets, 7 doz. surgical squares, 121 doz. table cloths, 21 tie backs, 571 doz. towels. 41 valences, 1 wagon boot, 74 window shades.

*Repaired:* 80 union suits, 153 towels, 640 underdrawers, 14 pajamas, 5 overcoats, 227 overalls, 881 prs. pants, 720 undershirts, 43 vests, 549 table cloths, 48 sweaters, 4,585 prs. stockings, 36 pillow ticks, 7 rugs, 1,557 spreads, 692 slips, 2,357 sheets, 2,836 sheets, 226 scarfs, 206 petticoats, 671 pillow cases, 6,284 night dresses, 18 corset covers, 1,631 combinations, 1,028 coats, 81 bibs, 234 mattresses, 83 laundry board covers, 268 hydro covers, 130 hydro hammocks, 402 laundry bags, 3,639 dresses, 4 cushion covers, 22 couch covers, 2 corsets, 8 extractors, 43 corselettes, 46 curtains stitched, 6 belts, 432 prs. bloomers, 804 blankets, 309 bathrobes, 951 aprons, 77 pillow ticks, 1 barber cloth, 4 bath mats, 3 screen covers.

#### MEN'S INDUSTRIAL

The work in the shops has continued to progress under the direction of Mr. Henry A. Turner. The amount of canning was somewhat less than was expected owing to an unexpected shortage in certain of the crops. Articles were manufactured and repairs done as follows:

*Made:* 1,702 prs. socks knitted, 1,258 yds. towellings, 10 hammer handles, 23 window shades, 269 mattresses, 106 pillows, 58 scrub brushes, 53 floor brushes, 51 curtains, 2 book cases, 4 picture frames, 360 brooms, 1 cabinet.

*Repaired:* 19 tables, 1 settee, 425 prs. shoes soled, 473 prs. shoes heeled, 257 prs. shoes patched, 755 chairs, 25 handles, 157 shades, 18 clocks, 2 hammers, 14 locks, 1 harness set, 94 chairs scraped and refinished, 2 re-upholstered chairs, 1 desk, 2 bureaus, 1 desk chair, 6 beds, 2 plants stands, 3 benches.

#### PATHOLOGICAL AND RESEARCH

This work was very ably carried on by Dr. William A. Malamud until his resig-



nation July thirty-first. Since that time Dr. David Rothschild has continued this most important work. He is now conducting research into several problems dealing with neuropsychiatry with a view to publishing a number of papers during the coming year. The following is an outline of the work done:

Twenty-eight post mortem examinations were performed during the course of the year. Three of these were made on outside cases for physicians in nearby communities.

The neuropsychiatric diagnoses of these cases were as follows: Senile psychoses, 7; psychosis with cerebral arteriosclerosis, 4; dementia praecox, 6; general paresis, 2; psychoses with psychopathic personality, 2; mental deficiency, 1; psychoses with somatic disease, 1; psychoses with organic brain disease, 1; alcoholic psychoses, 1.

The primary cause of death was determined as follows: Senile psychosis, 3; generalized arteriosclerosis, 2; myocarditis, 2; pyelonephritis, 2; carcinoma, 2; bone sarcoma, 1; cerebral arteriosclerosis, 1; cerebral hemorrhage, 1; general paresis, 1; lobar pneumonia, 1; influenzal pneumonia, 1; influenzal bronchitis, 1; brain tumor, 1; acute alcoholic intoxication, 1; pulmonary tuberculosis, 1; acute pericarditis with coronary sclerosis, 1; diabetes mellitus, 1; cellulitis with septicemia, 1; chronic glomerulonephritis, 1.

In addition to routine examinations on these cases several have been subjected to an intensive pathological investigation. The resulting material has formed the basis for several communications which have been published during the current year. At the present time a number of interesting problems are being closely followed up. Among these may be mentioned the study of the disturbances in cortical cell architecture in Alzheimer's disease, and an intensive investigation of a case exhibiting histologically obscure vascular lesions in conjunction with a peculiar clinical course and unusual neurological findings.

#### Chemical and Serological Departments

As in previous years determinations of the hemoglobin, differential blood counts and urinalyses were performed on all new admissions. In addition, a white blood count has been recently made a routine procedure on the new patients. Red counts have been done wherever indicated. One hundred and seventy blood chemical determinations were made as follows:—Quantative sugar in 99 cases, calcium in 44, non-protein nitrogen in 24, total chlorides in 3 cases.

Numerous bacteriological examinations of sputum and smears and many throat cultures were performed at the request of the physician. Several autogenous vaccines were prepared and administered. In all cases of suspected septicemia blood cultures were made. Animals were inoculated with material from infected foci whenever tuberculosis came in question. Dark field examinations for spirochaetes were performed in suspicious cases, in two of which positive findings were obtained. Forty-seven basal metabolisms were done.

During the course of the year 192 spinal fluids were examined. Beside the routine examinations for globulin, albumin, number of cells and colloidal gold curves, the bromide permeability test was done on all specimens. In this manner an increasing amount of material on the permeability problem is being accumulated. At present an article on "The Blood Cerebrospinal Fluid Barrier in Schizophrenia" is being prepared, in conjunction with Dr. Malamud, for presentation at the next meeting of the Association for Research in Nervous and Mental Diseases. It will be published in the *Archives of Neurology and Psychiatry*. In conjunction with the permeability test, a further research program is being mapped out along the line of a more intensive comparative investigation of the chemical constituents of the blood and spinal fluid.

The laboratory has now taken over direct supervision of the anti-syphilitic treatment clinics. At present intramuscular bismuth is being given a thorough trial, but as yet the number of patients treated is not sufficient to form any definite opinion on its efficacy. Several encouraging results have been obtained and it is intended to accumulate enough cases to form the basis of a paper on the treatment of neurosyphilis with this medication.

As in the past, physicians from the nearby communities, have made use of our special facilities for examinations, such as blood counts, throat cultures, urinalyses,

etc., in certain cases where highly specialized technique has not been otherwise available.

During the current year the following papers were published:

"The Application of Psychoanalytic Principles in Interpreting the Psychoses" by Wm. Malamud. *Psychoanalytic Review*, Vol. XVI, No. 1, January, 1929.

"Psychoanalytic Mechanisms in Clinical Psychiatry" by Wm. Malamud. *American Journal of Psychiatry*, Vol. VIII, No. 5, March, 1929.

"The Role Played by the Capillaries in the Pathogenesis of General Paresis" by Wm. Malamud and K. Lowenberg. *Journal of Nervous and Mental Diseases*, Vol. 69, No. 2, February, 1929.

"Alzheimer's Disease, a Contribution of its Etiology and Classification" by Wm. Malamud and K. Lowenberg. *Archives of Neurology and Psychiatry*, Vol. 21, April, 1929.

"Über gefassbedingte Herde in Ammonshorn" by K. Lowenberg, *Journal für Psychologie und Neurologie*, 39, 1-7-1929.

"Über eine elektive Erkrankung der Pallidumgefasse" by K. Lowenberg. *Journal für Psychologie und Neurologie*, 39, 8-13-1929.

#### NEUROPSYCHIATRIC CLINIC

The Out-Patient Neuropsychiatric Clinic in Brockton has continued every Wednesday afternoon throughout the year.

The principal activities of the Clinic were focused on the diagnosis of the various neuropsychiatric conditions met with and their treatment. A large proportion of the patients was referred to the Clinic by physicians and agencies from Brockton and the surrounding communities. In those cases written reports were made giving our impression as to the condition, and advice with regard to their further management. Wherever it was felt that the patient would be benefited by further psychotherapeutic measures regular attendance at the Clinic was advised.

A total of 420 visits to the Clinic were made during the year. Of this number 143 were first visits.

Of these 34 represented different types of psychoneuroses. Among this group conversion hysteria, anxiety neuroses, and neurasthenic states were the most frequent. Repeated visits were made by these patients and some form of psychotherapy was undertaken in all of them.

There were 28 cases of mental deficiency. Depending upon the severity of the defect, special class or institutional care was recommended. In many of the milder cases it was possible to secure more skilful management in the home, with a consequent improvement in the adjustment of these patients to their environment.

Of the new cases 24 were regarded as behavior problems. The problems presented were diverse, consisting mainly of conduct disorders at home or in school, sexual difficulties, waywardness and various asocial tendencies. Here again regular attendance at the Clinic was secured and in a large proportion of the patients definite improvement resulted. In this connection an important feature of the Clinic work should be mentioned, namely, the talks along mental hygiene lines with the parents and workers interested in the individual cases.

There were 17 cases of definite psychoses referred to the Clinic during the year. Some of these were follow-up cases on visit from the Foxborough State Hospital. In most of the others observation or commitment to a State hospital was recommended.

Cases of miscellaneous neurological conditions observed at the Clinic totaled 33. Common conditions, such as post-traumatic changes in the brain, cerebral arteriosclerosis, epilepsy, tabes, etc., as well as rarer diseases, such as pseudo-hypertrophic muscular dystrophy and pituitary disorders, make up most of the material in this group.

In addition to the patients seen in the Clinic over 50 cases were seen in consultation on the wards of the Brockton Hospital. These consisted of the varied neurological and psychiatric conditions likely to appear in a general hospital. After their discharge from the hospital many of these patients were followed up in the Clinic and suitable treatment was prescribed.

In accordance with the previous custom, a series of three lectures on Mental Hygiene and Psychotherapy was given to the nurses at the Brockton Hospital.



During the course of the year the Psychological Department of the Foxborough State Hospital has given valuable service. There were 62 psychometric examinations performed. The Social Service Department has been of great assistance in obtaining the histories of the patients and investigating their home surroundings in many instances and aiding in their better adjustment. Furthermore, the complete co-operation of the various social agencies in Brockton has been very helpful in the treatment of many of the patients.

We would take this opportunity of expressing our thanks to the Superintendent and members of the Staff of the Brockton Hospital for their co-operation and assistance in conducting the work of the Clinic, and to all who worked with us in our efforts to improve the mental health of our community.

#### SCHOOL CLINIC

The School Clinic was carried on by Dr. Cornelia B. J. Schorer who was assisted by Miss Erma Juhl and Miss Maria A. Ragsdale, Psychometrists. The results obtained are as follows:

Examinations were made in the schools of Bellingham, Canton, Bridgewater, East Bridgewater, Mansfield, Weymouth, Stoughton, Foxborough, Milton, Walpole, Norwood and Norton. Number examined for first time, males, 270; females, 131; total, 401. Re-examined, males, 62; females, 22; total, 84. All cases examined, males, 332; females, 153; total, 485.

#### DENTAL REPORT

The dental work has been carried on during the year by Dr. Arthur K. Webster assisted by Miss Pearl Vincent, dental hygienist. The equipment was removed from a room adjacent to the female wards to a new location on the ground floor of the male treatment building adjacent to a large waiting room which provides much more adequately for the considerable number of patients which it is often necessary to take to the clinic at one time.

Patients were treated as follows: — Number of different patients treated, 847; extractions, 302; fillings, 231; X-rays, 103; cleaned, scaled, examined and charted, 1,134.

#### SOCIAL SERVICE

The work of the department has been conducted by Miss Elizabeth L. Moseley with one assistant and two students. This year is the eleventh of the department and has been marked by very definite progress. The work is summarized as follows:

During the year beginning December 1, 1928, this department has dealt with a total of 735 cases (410 males and 325 females). Of these 542 (331 males and 211 females) were referred to the department for the first time.

Of this total number 356 (178 males and 178 females) were patients under commitment to this hospital. Of these patients 184 (106 males, 78 females) were new admissions to the hospital during the year and automatically referred to this department for a social history and investigation. There were during the year 116 patients on prolonged visit from the hospital under the supervision of this department. Of these 50 were men and 66 women. Practically all of them have been kept in touch with either by calls or letters and in many cases intensive social treatment has been given. Some of the social problems involved have been financial and employment difficulties, marital difficulties and friction with other relatives, personality problems and the problem of securing proper recreation. In some cases we have secured medical attention and also financial relief for the patients or their families. We always try to be especially interested in the children of our patients and in a number of cases have had them examined by one of our own psychiatrists, either at the hospital or at our Brockton Clinic.

The remaining 379 cases dealt with were those in the community, not under commitment to the hospital. It is interesting to note that this figure is larger than that of the number of patients dealt with who were actually under commitment to the hospital. This shows the trend toward community work during the past year, as this is the first year that the cases handled have been divided in this way. In spite of this fact, however, it is still true that the bulk of our time is actually spent with the hospital patients, with whom the more intensive work is still being done. Of these community cases 192 were those of retarded school children whose social



histories we secured in connection with the school clinic work, covering 6 towns in the district, namely, — Bridgewater, Canton, Foxborough, Mansfield, Norwood and Stoughton. In order to secure these histories the home of each child is visited at least once, as well as the school teacher.

The other large group, 162, were patients reporting at our Brockton Neuropsychiatric Clinic, where 266 interviews were held, 94 with patients and 172 with persons accompanying them. These interested individuals are often local social workers and our contacts with them have been most pleasant and interesting. Many patients have been brought to the clinic by district and school nurses. Other agencies frequently referring cases are the Brockton Family Welfare Society, The Catholic Charities Centre, The Brockton Policewoman and the Society for the Prevention of Cruelty to Children.

Of the other 25 cases 12 have been those of persons awaiting trial, who, in accordance with the Briggs' law, were being examined for their mental condition, and we were asked to make a social investigation. The remaining 13 miscellaneous cases have been those referred by other social agencies or state hospitals for investigation or supervisory work. In such cases we are always glad to cooperate in any way that we can, sending reports back to these agencies of conditions as we find them in these homes.

The total number of interviews held during the year is as follows:

Interviews with patients' relatives or friends at hospital, 692.

Interviews with patients on the ward, 336.

Visits to patients outside the hospital, 125.

Visits to relatives or friends of patients, 302.

Visits to social agencies, 225.

Visits to other interested individuals (employers, neighbors, physicians, etc.), 718.

Visits to homes in school clinic work, 192.

Interviews at Neuropsychiatric Clinic, 266.

A total of, 2,856.

Again we have to report changes in the staff of this department during the year. Miss Esther F. Glickman, left on October 12, 1929, to go to the U. S. Veterans' Bureau Hospital at Muskogee, Oklahoma, where she has taken charge of organizing the Social Service Department. Miss Rebecca Russakoff, who has been in training in this department since last June, is being recommended to fill this vacancy. She is a graduate of Boston University and in her college course took special work in sociology.

Two students, the Misses Louise Thompson and Ruth Johnson, completed their course of training in May, 1929, and have secured regular positions in social work.

#### ENTERTAINMENT

Moving pictures were shown weekly, a donation of a friend of the hospital. Residents of Foxborough and the neighboring towns furnished plays and musicales. Magazines were contributed by quite a number. To all who have helped furnish our patients with entertainment we would express our appreciation of their thoughtfulness. We hope to secure enough books during the coming year to start a hospital library. A club room was recently opened for the employees in order that they might have a suitable place for recreational activities.

#### FARM AND GROUNDS

A plentiful supply of fruit and vegetables from the garden, broilers, fowl and eggs from the hennery and a full amount of pork from the piggery enabled the Farm to contribute much to the food supply of the institution and helped to offset a decrease in returns from other activities of the Farm. The potato crop suffered from the attacks of insects and unfavorable weather. Much of the corn was unfit for use because infested by the cornborer which is prevalent in this section. There was a decrease in milk production. Considerable time and energy were consumed in clearing and grading Hospital property making a good foundation for future development. Special attention to fruit trees resulted in a fairly large crop of good grade apples. Many of the large ornamental trees and most of the shrubbery were pruned during the fall.

The following is a detailed analysis:

Milk, 295,842.1 lbs.; eggs, 5,400 5-12 doz.

Vegetables: (*The figures relate to pounds*). Asparagus, 1,549; beans, shelled, 1,598; beans, string, 18,817; beets, 12,681; beet greens, 381; cabbage, 42,503; canteloupes, 6,024; carrots, 15,075; cauliflower, 470; celery, 3,134; chard, 5,401; corn, sweet, 17,435½; cucumbers, 8,872; lettuce, 2,958; onions, 10,817; parsnips, 8,180; peas, 1,933; peppers, 1,483; pumpkins, 270; rhubarb, 502; scallions, 839; spinach, 2,157; squash, summer, 5,312; squash, winter, 21,448; tomatoes, 41,603; turnips, 140,503; potatoes, 66,646; field corn, 11,540.

Fruit: Apples, first, 9,308 lbs.; apples, seconds, 7,456 lbs.; pears, 533 lbs.; quinces, 13 lbs.; strawberries, 1,993¾ lbs.

Meat: Beef, 4,876 lbs; pork, 45,580 lbs.; chicken, 864½ lbs.; fowl, 864½ lbs.; broilers, 1,231 lbs.

Hay, 21,875 lbs.; ensilage, 140,000 lbs.

#### REPAIR DEPARTMENT

During the year a great deal has been accomplished by this department, adding much to the general efficiency in the operation of the hospital and to its appearance.

#### CONCLUSION

The successful operation of the institution depends upon the united efforts of all the departments and I would take this opportunity of expressing my appreciation of the valued assistance rendered by the personnel of the hospital.

Respectfully,

RODERICK B. DEXTER  
*Superintendent.*

#### VALUATION

November 30, 1929

##### REAL ESTATE

Land, 346 acres . . . . .	\$35,400.00
Buildings . . . . .	1,642,276.28
	<hr/>
	\$1,677,676.28

##### PERSONAL PROPERTY

Travel, transportation and office expenses . . . . .	\$211.61
Food . . . . .	9,259.98
Clothing and materials . . . . .	15,086.50
Furnishings and household supplies . . . . .	157,035.28
Medical and general care . . . . .	27,659.88
Heat, light and power . . . . .	12,375.19
Farm . . . . .	23,857.21
Garage, stables and grounds . . . . .	9,339.39
Repairs . . . . .	14,502.79
	<hr/>
	\$269,327.83

##### SUMMARY

Real estate . . . . .	\$1,677,676.28
Personal property . . . . .	269,327.83
	<hr/>
	\$1,947,004.11

#### FINANCIAL REPORT

*To the Department of Mental Diseases:*

I respectfully submit the following report of the finances of this institution for the fiscal year ending November 30, 1929.

##### CASH ACCOUNT

##### Receipts

<i>Income</i>		
Board of Patients . . . . .	\$54,277.89	\$54,277.89
Personal Services:		
Reimbursement from Board of Retirement . . . . .		132.67
Sales:		
Food . . . . .	\$1,890.78	
Farm:		
Cows and Calves . . . . .	207.50	
Pigs and hogs . . . . .	12.00	
Hides . . . . .	40.78	
Sundries, barrels. . . . .	15.45	
Total sales . . . . .		2,166.51

Miscellaneous:		
Interest on bank balances		\$354.98
Rent		478.22
Sundries, N. E. Tel & Tel. Co.		31.03
		<u>864.23</u>
X-ray		78.00
Total Income		\$57,519.30
MAINTENANCE		
Balance from previous year, brought forward		\$6,958.42
Appropriations, current year		408,000.00
Total		\$414,958.42
Expenses (as analyzed below)		397,345.97
Balance reverting to Treasury of Commonwealth		\$17,612.45
Analysis of Expenses		
Personal Services		\$192,315.30
Religious instruction		1,526.00
Travel, transportation and office expenses		5,380.17
Food		67,732.59
Clothing and materials		13,577.97
Furnishings and household supplies		20,808.27
Medical and general care		16,837.22
Heat, light and power		35,075.99
Farm		22,168.99
Garage, stable and grounds		5,352.56
Repairs ordinary		8,605.88
Repairs and renewals		7,965.03
Total expenses for maintenance		\$397,345.97
SPECIAL APPROPRIATIONS		
Balance December 1, 1928		\$34,797.83
Appropriations for current year		119,000.00
Total		\$153,797.83
Expended during the year (see statement below)		\$12,597.97
Reverting to Treasury of Commonwealth		23.28
		<u>12,621.25</u>
Balance November 30, 1929, carried to next year		\$141,176.58

OBJECT	Act or Resolve	Whole Amount	Expended during Fiscal Year	Total expended to Date	Balance at end of Year
Addition to Ward Building No. 12	1926-1927	\$200,000.00	\$1,505.12	\$199,987.69	\$12.31*
Food Trucks	1927	2,000.00	—	1,999.20	.80*
Electrical connections	1927	3,000.00	126.11	2,989.83	10.17*
Renovation of Wards C and D	1927-1928	25,000.00	3,592.43	11,220.42	13,779.58
Alteration to boiler house	1928	18,000.00	6,596.23	8,824.92	9,175.08
Employees building	1929	110,000.00	—	—	110,000.00
Salvage yard	1929	3,000.00	—	—	3,000.00
Officer's cottage	1929	6,000.00	778.08	778.08	5,221.92
		<u>\$367,000.00</u>	<u>\$12,597.97</u>	<u>\$225,800.14</u>	<u>\$141,199.86</u>

Balance reverting to Treasury of the Commonwealth during year (mark item with *)	\$23.28
Balance carried to next year	\$141,176.58
Total as above	<u>\$141,199.86</u>

## PER CAPITA

During the year the average number of inmates has been 970.793  
 Total cost for maintenance, \$397,345.97.  
 Equal to a weekly per capita cost of \$7.8711 (52 weeks to year).  
 Receipt from sales, \$2,166.51.  
 Equal to a weekly per capita of \$.0429.  
 All other institution receipts, \$55,352.79.  
 Equal to a weekly per capita of \$1.0970.  
 Net weekly per capita \$6.7317.

Respectfully submitted,

HARRIET S. BAYLEY,

Treasurer.



## STATISTICAL TABLES

AS ADOPTED BY THE AMERICAN PSYCHIATRIC ASSOCIATION.  
 PRESCRIBED BY THE MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES

TABLE 1. *General Information*

Data correct at end of hospital year November 30, 1929

1. Date of opening as a hospital for mental diseases, June 1, 1914.

2. Type of hospital: State

3. Hospital plant:

Value of hospital property:

Real estate, including buildings . . . . .	\$1,677,676.28
Personal property . . . . .	269,327.83

Total . . . . .

Total acreage of hospital property owned 346.	\$1,947,004.11
---	----------------

Total acreage under cultivation during previous year 100.

4. Officers and employees:

	November 30, 1929			Vacancies at End		
	Actually in Service at End of Year			of Year		
	M.	F.	T.	M.	F.	T.
Superintendents . . . . .	1	—	1	—	—	—
Assistant Superintendent . . . . .	1	—	1	—	—	—
Senior Physicians . . . . .	2	1	3	—	—	—
Assistant Physicians . . . . .	1	—	1	1	—	1
Total physicians . . . . .	5	1	6	1	—	1
Stewards . . . . .	—	—	—	1	—	1
Graduate nurses . . . . .	1	9	10	—	1	1
Other nurses and attendants . . . . .	52	38	90	1	1	2
Occupational therapists . . . . .	—	3	3	—	—	—
Social workers . . . . .	—	1	1	—	1	1
All other officers and employees . . . . .	46	42	88	1	—	1
Total officers and employees . . . . .	104	94	198	4	3	7

NOTE: — The following items, 5–10 inclusive, are for the year ended September 30, 1929.

5. Census of Patient Population at end of year:

	Actually in Hospital			Absent from Hospital but Still on Books		
	M.	F.	T.	M.	F.	T.
White:						
Insane . . . . .	440	467	907	59	40	99
Epileptics . . . . .	1	—	1	—	—	—
Mental defectives . . . . .	10	22	32	2	1	3
All other cases . . . . .	3	4	7	3	—	3
Total . . . . .	454	493	947	64	41	105
Other Races:						
Insane . . . . .	20	23	43	3	—	3
Total . . . . .	20	23	43	3	—	3
Grand Total . . . . .	474	516	990	67	41	108

	Males	Females	Total
6. Patients under treatment in occupational-therapy classes, including physical training, on date of report . . . . .	27	76	103
7. Other patients employed in general work of hospital on date of report . . . . .	298	258	556
8. Average daily number of all patients actually in hospital during year . . . . .	478.479	519.479	997.958
9. Voluntary patients admitted during year . . . . .	3	9	12
10. Persons given advice or treatment in out-patient clinics during year . . . . .	73	96	169

TABLE 2. *Financial Statement*

See Treasurer's report for data requested under this table.

NOTE:—The following Tables 3–18, inclusive, are for the statistical year ended September 30, 1929.

TABLE 3. *Movement of Patient Population*

	Insane			Voluntary			Temporary Care and Observation			Total on Books		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
Patients on books of Institution September 30, 1928	520	549	1,069	4	—	4	2	—	2	526	549	1,075
Admissions during year:												
First admissions	81	58	139	—	1	1	18	3	21	99	62	161
Readmissions	10	17	27	1	—	1	2	3	5	13	20	33
Transfers from other hospitals for mental diseases	3	9	12	—	—	—	—	—	—	3	9	12
Total received during year	94	84	178	1	1	2	20	6	26	115	91	206
Total on books during year	614	633	1,247	5	1	6	22	6	28	641	640	1,281
Discharged from books during year:												
As recovered	1	1	2	—	—	—	9	—	9	10	1	11
As improved	24	39	63	2	—	2	1	1	2	27	40	67
As unimproved	4	5	9	1	—	1	3	1	4	8	6	14
As without psychosis	—	—	—	—	—	—	3	4	7	3	4	7
Transferred to other hospitals for mental diseases	9	10	19	—	—	—	—	—	—	9	10	19
Died during year	40	22	62	—	—	—	3	—	3	43	22	65
Total discharged, transferred and died during year	78	77	155	3	—	3	19	6	25	100	83	183
Insane patients remaining on books of hospital at end of hospital year												
In hospital	470	515	985	2	1	3	2	—	2	474	516	990
On parole or otherwise absent	66	41	107	—	—	—	1	—	1	67	41	108
Total on books September 30, 1929	536	556	1,092	2	1	3	3	—	3	541	557	1,098

TABLE 4. *Nativity of First Admissions and Parents of First Admissions*

NATIVITY	PATIENTS			PARENTS OF MALE PATIENTS			PARENTS OF FEMALE PATIENTS		
	M.	F.	T.	Fathers	Mothers	Both Parents	Fathers	Mothers	Both Parents
United States . . . . .	53	35	88	37	35	35	18	20	15
Africa . . . . .	—	2	2	—	—	—	2	2	2
Canada <sup>1</sup> . . . . .	9	5	14	10	11	9	8	7	6
Denmark . . . . .	—	—	—	—	—	—	—	1	—
England . . . . .	3	3	6	3	2	2	3	3	3
Finland . . . . .	1	—	1	1	1	1	—	—	—
Germany . . . . .	2	—	2	2	2	2	—	—	—
Hungary . . . . .	—	1	1	—	—	—	1	1	1
Ireland . . . . .	3	3	6	10	11	10	11	10	9
Italy . . . . .	5	5	10	5	5	5	6	6	6
Poland . . . . .	2	1	3	2	2	2	1	1	1
Russia . . . . .	1	1	2	2	2	2	2	2	2
Scotland . . . . .	1	1	2	1	1	1	1	1	1
Sweden . . . . .	—	1	1	2	2	2	3	1	1
Other countries . . . . .	—	—	—	2	2	2	—	—	—
Unascertained . . . . .	1	—	1	4	5	4	2	3	2
Total . . . . .	81	58	139	81	81	77	58	58	49

<sup>1</sup>Includes Newfoundland.



TABLE 4-A. Age of First Admission Classified with Reference to Nativity, and Length of Residence in the United States of the Foreign Born.

AGE GROUPS	Aggregate			NATIVE BORN				FOREIGN BORN					Nativity unascertained						
				Total	PARENTAGE			Total	TIME IN UNITED STATES BEFORE ADMISSION										
					Native	Foreign	Mixed		Unascertained	Under 5 years	5-9 years	10-14 years		15 years and over					
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.				
Under 15 years	3	2	5	3	2	5	1	1	2	1	3	4	1	1	2	M. F. T.	-	-	-
15-19 years	8	4	12	8	4	12	2	2	4	3	1	4	2	1	1	3	6	2	2
20-24 years	7	8	15	3	3	6	2	1	3	1	1	2	1	1	1	2	3	3	6
25-29 years	5	8	13	3	4	7	2	2	4	1	1	2	2	1	1	1	2	2	2
30-34 years	4	7	11	2	5	7	2	2	4	1	1	2	2	1	1	1	1	1	2
35-39 years	9	3	12	4	1	5	3	2	3	1	1	1	1	1	1	1	1	1	2
40-44 years	9	5	14	8	3	11	6	2	8	2	2	2	2	2	4	7	1	1	2
45-49 years	9	4	13	11	3	14	3	1	1	1	1	1	1	1	1	1	1	1	2
50-54 years	4	6	10	1	8	9	3	4	1	2	2	3	3	6	1	1	1	1	2
55-59 years	13	3	16	9	2	11	7	1	1	1	2	3	1	1	1	1	1	1	2
60-64 years	4	2	6	3	1	4	2	1	3	1	1	1	1	4	1	1	5	4	1
65-69 years	7	3	10	6	3	9	4	4	3	7	2	2	1	1	1	1	1	1	1
70 years and over	8	7	15	3	4	7	3	3	6	1	1	1	1	1	1	1	1	1	1
Total.	81	58	139	53	35	88	34	15	49	15	9	24	2	9	11	28	23	51	33
																5	5	10	18
																3	3	6	15
																1	1	1	33

TABLE 5. *Citizenship of First Admissions*

	Males	Females	Total
Citizens by birth . . . . .	53	35	88
Citizens by naturalization . . . . .	11	9	20
Aliens . . . . .	11	10	21
Citizenship unascertained . . . . .	6	4	10
Total . . . . .	81	58	139

TABLE 6. *Psychoses of First Admissions*

PSYCHOSES	M.	F.	T.	M.	F.	T.
1. Traumatic psychoses . . . . .	—	1	1	—	1	1
2. Senile psychoses . . . . .	5	6	11	5	6	11
3. Psychoses with cerebral arteriosclerosis . . . . .	11	5	16	11	5	16
4. General paralysis . . . . .	9	—	9	9	—	9
5. Psychoses with cerebral syphilis . . . . .	1	—	1	1	—	1
6. Psychoses with Huntington's chorea . . . . .	—	—	—	—	—	—
7. Psychoses with brain tumor . . . . .	—	—	—	—	—	—
8. Psychoses with other brain or nervous diseases . . . . .	5	1	6	5	1	6
Multiple sclerosis . . . . .	—	1	1	—	1	1
Other diseases . . . . .	5	—	5	5	—	5
9. Alcoholic psychoses, total . . . . .	—	—	—	10	1	11
Korsakow's psychosis . . . . .	3	—	3	3	—	3
Acute hallucinosis . . . . .	2	—	2	2	—	2
Other types acute or chronic . . . . .	5	1	6	5	1	6
10. Psychoses due to drugs and other exogenous toxins . . . . .	—	—	—	—	—	—
11. Psychoses with pellagra . . . . .	—	—	—	—	—	—
12. Psychoses with other somatic diseases, total . . . . .	1	1	2	1	1	2
Delirium with infectious diseases . . . . .	—	1	1	—	1	1
Other diseases or conditions . . . . .	1	—	1	1	—	1
13. Manic-depressive psychoses, total . . . . .	7	12	19	7	12	19
Manic type . . . . .	3	8	11	3	8	11
Depressive type . . . . .	3	3	6	3	3	6
Other types . . . . .	1	1	2	1	1	2
14. Involution melancholia . . . . .	—	4	4	—	4	4
15. Dementia praecox (schizophrenia) . . . . .	25	21	46	25	21	46
16. Paranoia and paranoid conditions . . . . .	2	1	3	2	1	3
17. Epileptic psychoses . . . . .	1	—	1	1	—	1
18. Psychoneuroses and neuroses, total . . . . .	1	2	3	1	2	3
Hysterical type . . . . .	—	1	1	—	1	1
Neurasthenic type . . . . .	1	1	2	1	1	2
19. Psychoses with psychopathic personality . . . . .	2	1	3	2	1	3
20. Psychoses with mental deficiency . . . . .	—	2	2	—	2	2
21. Undiagnosed psychoses . . . . .	1	—	1	1	—	1
22. Without psychosis . . . . .	—	—	—	—	—	—
Total . . . . .	81	58	139	81	58	139

TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses*

RACE	Total			Traumatic			Senile			With cerebral arterio-sclerosis			General paralysis			With cerebral syphilis		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	2	2	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Armenian	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	24	13	37	—	—	—	4	2	6	5	—	5	—	—	—	1	—	1
Finnish	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
French	6	3	9	—	1	1	—	—	—	—	—	—	2	—	2	—	—	—
German	3	—	3	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
Hebrew	3	2	5	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Irish	11	14	25	—	—	—	1	1	2	—	2	2	1	—	1	—	—	—
Italian <sup>1</sup>	4	6	10	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
Lithuanian	2	—	2	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Magyar	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scandinavian <sup>2</sup>	2	2	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scotch	2	2	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Slavonic <sup>3</sup>	2	1	3	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—
Mixed	11	5	16	—	—	—	—	1	1	2	—	2	2	—	2	—	—	—
Race unascertained.	7	7	14	—	—	—	—	1	1	3	3	6	1	—	1	—	—	—
Total	81	58	139	—	1	1	5	6	11	11	5	16	9	—	9	1	—	1

<sup>1</sup>Includes "North" and "South."<sup>2</sup>Norwegians, Danes and Swedes.<sup>3</sup>Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Continued*

RACE	With other brain or nervous diseases			Alcoholic			With other somatic diseases			Manic-depressive			Involution melancholia			Dementia praecox		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	—	—	—	—	—	—	—	—	1	—	1	—	1	1	1	1	2
Armenian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
English	1	—	1	4	1	5	1	1	2	1	2	3	—	—	—	5	4	9
Finnish	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
French	2	—	2	—	—	—	—	—	—	1	—	1	—	—	—	—	2	2
German	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Hebrew	—	—	—	—	—	—	—	—	—	1	2	3	—	—	—	—	—	—
Irish	—	—	—	2	—	2	—	—	—	3	2	5	—	2	2	2	6	8
Italian <sup>1</sup>	1	—	1	1	—	1	—	—	—	—	1	1	—	—	—	2	3	5
Lithuanian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Magyar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
Scandinavian <sup>2</sup>	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	2	1	3
Scotch	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	2	1	3
Slavonic <sup>3</sup>	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	1	—	1
Mixed	—	—	—	1	—	1	—	—	—	3	3	—	—	—	—	5	1	6
Race unascertained.	—	—	—	1	—	1	—	—	—	1	1	—	—	—	—	2	1	3
Total	5	1	6	10	1	11	1	1	2	7	12	19	—	4	4	25	21	46

<sup>1</sup>Includes "North" and "South."<sup>2</sup>Norwegians, Danes, and Swedes.<sup>3</sup>Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish, Russian, Ruthenian, Servian, Slovak, Slovenian.



TABLE 7. *Race of First Admissions Classified with Reference to Principal Psychoses — Concluded*

RACE	Paranoia and paranoid conditions			Epileptic psychoses			Psycho-neuroses and neuroses			With psychopathic personality			With mental deficiency			Undiagnosed psychoses		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
African (black)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Armenian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
English	—	1	1	—	—	—	—	1	1	1	—	1	—	1	1	1	—	1
Finnish	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
French	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
German	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Hebrew	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
Irish	2	—	2	—	—	—	—	1	1	—	—	—	—	—	—	—	—	—
Italian <sup>1</sup>	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—	—	—
Lithuanian	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Magyar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scandinavian <sup>2</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Scotch	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Slavonic <sup>3</sup>	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mixed	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
Race unascertained	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	—	—
Total	2	1	3	1	—	1	1	2	3	2	1	3	—	2	2	1	—	1

<sup>1</sup>Includes "North" and "South."<sup>2</sup>Norwegians, Danes and Swedes.<sup>3</sup>Includes Bohemian, Bosnian, Croatian, Dalmatian, Herzegovinian, Montenegrin, Moravian, Polish Russian, Ruthenian, Servian, Slovak, Slovenian.TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			15-19 years			20-24 years			25-29 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic	—	1	1	—	—	—	—	—	—	—	—	—
2. Senile	5	6	11	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis	11	5	16	—	—	—	—	—	—	—	—	—
4. General paralysis	9	—	9	—	—	—	—	—	—	1	—	1
5. With cerebral syphilis	1	—	1	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases	5	1	6	—	—	—	—	—	—	1	1	2
9. Alcoholic	10	1	11	—	—	—	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases	1	1	2	—	—	—	—	—	—	—	—	—
13. Manic-depressive	7	12	19	1	1	2	1	2	3	—	2	2
14. Involution melancholia	—	4	4	—	—	—	—	—	—	—	—	—
15. Dementia praecox	25	21	46	2	—	2	7	1	8	5	5	10
16. Paranoia and paranoid conditions	2	1	3	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses	1	—	1	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses	1	2	3	—	—	—	1	1	—	—	—	—
19. With psychopathic personality	2	1	3	—	1	1	—	—	—	—	—	—
20. With mental deficiency	—	2	2	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses	1	—	1	—	—	—	—	—	—	—	—	—
22. Without psychosis	—	—	—	—	—	—	—	—	—	—	—	—
Total	81	58	139	3	2	5	8	4	12	7	8	15

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Continued*

PSYCHOSES	30-34 years			35-39 years			40-44 years			45-49 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
3. With cerebral arteriosclerosis . . . . .	—	—	—	—	—	—	—	—	—	—	1	1
4. General paralysis . . . . .	1	—	1	—	—	—	3	—	3	1	—	1
5. With cerebral syphilis . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases . . . . .	—	—	—	1	—	1	—	—	—	—	—	—
9. Alcoholic . . . . .	—	—	—	1	—	1	—	—	—	2	—	2
10. Due to drugs and other exogenous toxins . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra . . . . .	—	—	—	—	—	—	—	—	—	—	—	1
12. With other somatic diseases . . . . .	—	—	—	—	—	—	—	—	—	—	1	1
13. Manic-depressive . . . . .	—	2	2	—	—	—	1	1	2	2	—	2
14. Involution melancholia . . . . .	—	—	—	—	—	—	—	1	1	—	—	—
15. Dementia præcox . . . . .	2	5	7	1	5	6	5	1	6	2	2	4
16. Paranoia and paranoid conditions . . . . .	—	—	—	1	1	2	—	—	—	—	—	—
17. Epileptic psychoses . . . . .	1	—	1	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses . . . . .	1	1	2	—	—	—	—	—	—	—	—	—
19. With psychopathic personality . . . . .	—	—	—	—	—	—	—	—	—	1	—	1
20. With mental deficiency . . . . .	—	—	—	—	1	1	—	—	—	—	1	1
21. Undiagnosed psychoses . . . . .	—	—	—	—	—	—	—	—	—	1	—	1
22. Without psychosis . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Total . . . . .	5	8	13	4	7	11	9	3	12	9	5	14

TABLE 8. *Age of First Admissions Classified with Reference to Principal Psychoses — Concluded*

PSYCHOSES	50-54 years			55-59 years			60-64 years			65-69 years			70 years and over		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic . . . . .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile . . . . .	—	—	—	—	—	—	—	1	1	1	1	2	4	4	8
3. With cerebral arteriosclerosis . . . . .	1	1	2	3	—	3	1	—	1	3	—	3	3	3	6
4. General paralysis . . . . .	1	—	1	2	—	2	—	—	—	—	—	—	—	—	—
5. With cerebral syphilis . . . . .	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases . . . . .	—	—	—	2	—	2	—	—	—	1	—	1	—	—	—
9. Alcoholic . . . . .	—	—	—	2	—	2	2	—	2	2	1	3	1	—	1
10. Due to drugs and other exogenous toxins . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases . . . . .	—	—	—	1	—	1	—	—	—	—	—	—	—	—	—
13. Manic-depressive . . . . .	—	2	2	1	1	2	1	—	1	—	1	1	—	—	—
14. Involution melancholia . . . . .	—	1	1	—	1	1	—	1	1	—	—	—	—	—	—
15. Dementia præcox . . . . .	—	1	1	1	1	2	—	—	—	—	—	—	—	—	—
16. Paranoia and paranoid conditions . . . . .	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality . . . . .	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total . . . . .	4	6	10	13	3	16	4	2	6	7	3	10	8	7	15

TABLE 9. Degree of Education of First Admissions Classified with Reference to Principal Psychoses

PSYCHOSES	Total		Illiterate		Reads and writes <sup>1</sup>		Common School		High School		College		Unascertained
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
1. Traumatic . . . . .	—	1	1	—	1	1	—	—	—	—	—	—	—
2. Senile . . . . .	5	6	11	—	1	1	—	1	—	—	—	—	—
3. With cerebral arteriosclerosis . . . . .	11	5	16	—	1	1	—	4	3	—	—	—	—
4. General paralysis . . . . .	9	—	9	2	—	2	1	2	1	—	—	—	—
5. With cerebral syphilis . . . . .	1	—	1	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases . . . . .	5	1	6	—	—	—	—	2	1	—	—	—	—
9. Alcoholic . . . . .	10	1	11	1	—	1	2	4	2	—	1	—	—
10. Due to drugs and other exogenous toxins . . . . .	—	—	—	—	—	—	—	1	—	—	—	—	—
11. With pellagra . . . . .	1	—	2	—	1	1	—	—	—	—	—	—	—
12. With other somatic diseases . . . . .	7	12	19	—	—	—	—	3	10	13	—	—	—
13. Manic-depressive . . . . .	—	4	4	—	—	—	—	2	2	—	—	—	—
14. Involution melancholia . . . . .	—	21	46	1	—	1	1	9	14	23	—	—	—
15. Dementia praecox . . . . .	2	1	3	—	—	—	—	1	1	—	—	—	—
16. Paranoid and paranoid conditions . . . . .	—	—	—	—	—	—	—	1	—	—	—	—	—
17. Epileptic psychoses . . . . .	1	2	3	—	—	—	—	1	2	3	—	—	—
18. Psychoneuroses and neuroses . . . . .	2	1	3	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality . . . . .	—	2	2	—	1	1	—	—	—	—	—	—	—
20. With mental deficiency . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses . . . . .	1	—	1	—	—	—	—	—	—	—	—	—	—
22. Without psychoses . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—
Total . . . . .	81	58	139	5	4	9	5	3	8	34	35	69	6
										27	9	36	5
										4	2	6	11

Includes those who did not complete fourth grade in school.



TABLE 10. *Environment of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Urban			Rural			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic . . . . .	—	1	1	—	1	1	—	—	—	—	—	—
2. Senile . . . . .	5	6	11	5	6	11	—	—	—	—	—	—
3. With cerebral arteriosclerosis . . . . .	11	5	16	11	5	16	—	—	—	—	—	—
4. General paralysis . . . . .	9	—	9	8	—	8	—	—	—	1	—	1
5. With cerebral syphilis . . . . .	1	—	1	1	—	1	—	—	—	—	—	—
6. With Huntington's chorea . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases . . . . .	5	1	6	5	1	6	—	—	—	—	—	—
9. Alcoholic . . . . .	10	1	11	10	1	11	—	—	—	—	—	—
10. Due to drugs and other exogenous toxins . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases . . . . .	1	1	2	1	1	2	—	—	—	—	—	—
13. Manic-depressive . . . . .	7	12	19	7	12	19	—	—	—	—	—	—
14. Involution melancholia . . . . .	—	4	4	—	4	4	—	—	—	—	—	—
15. Dementia praecox . . . . .	25	21	46	25	21	46	—	—	—	—	—	—
16. Paranoia and paranoid conditions . . . . .	2	1	3	2	1	3	—	—	—	—	—	—
17. Epileptic psychoses . . . . .	1	—	1	1	—	1	—	—	—	—	—	—
18. Psychoneuroses and neuroses . . . . .	1	2	3	1	2	3	—	—	—	—	—	—
19. With psychopathic personality . . . . .	2	1	3	2	1	3	—	—	—	—	—	—
20. With mental deficiency . . . . .	—	2	2	—	2	2	—	—	—	—	—	—
21. Undiagnosed psychoses . . . . .	1	—	1	1	—	1	—	—	—	—	—	—
22. Without psychosis . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Total . . . . .	81	58	139	80	58	138	—	—	—	1	—	1

TABLE 11. *Economic Condition of First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Dependent			Marginal			Com- fortable			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic . . . . .	—	1	1	—	—	—	—	1	1	—	—	—	—	—	—
2. Senile . . . . .	5	6	11	—	1	1	3	5	8	—	—	—	2	—	2
3. With cerebral arteriosclerosis . . . . .	11	6	16	1	—	1	6	3	9	1	—	1	3	2	5
4. General paralysis . . . . .	9	—	9	1	—	1	5	—	5	—	—	—	3	—	3
5. With cerebral syphilis . . . . .	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
6. With Huntington's chorea . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases . . . . .	5	1	6	1	—	1	3	1	4	—	—	—	1	—	1
9. Alcoholic . . . . .	10	1	11	1	—	1	6	1	7	1	—	1	2	—	2
10. Due to drugs and other exogenous toxins . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases . . . . .	1	1	2	—	1	1	1	—	1	—	—	—	—	—	—
13. Manic-depressive . . . . .	7	12	19	—	1	1	4	8	12	3	2	5	—	1	1
14. Involution melancholia . . . . .	—	4	4	—	—	—	—	4	4	—	—	—	—	—	—
15. Dementia praecox . . . . .	25	21	46	1	3	4	14	13	27	3	3	6	7	2	9
16. Paranoia and paranoid conditions . . . . .	2	1	3	—	1	1	2	—	2	—	—	—	—	—	—
17. Epileptic psychoses . . . . .	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
18. Psychoneuroses and neuroses . . . . .	1	2	3	—	1	1	1	1	2	—	—	—	—	—	—
19. With psychopathic personality . . . . .	2	1	3	—	1	1	1	—	1	1	—	1	—	—	—
20. With mental deficiency . . . . .	—	2	2	—	1	1	—	—	—	—	—	—	—	1	1
21. Undiagnosed psychoses . . . . .	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
22. Without psychosis . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total . . . . .	81	58	139	5	10	15	49	37	86	9	5	14	18	6	24

TABLE 12. *Use of Alcohol by First Admissions Classified with Reference to Principal Psychoses*

PSYCHOSES	Total			Abstinent			Temperate			Intemperate			Unascertained		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic . . . . .	—	1	1	—	1	1	—	—	—	—	—	—	—	—	—
2. Senile . . . . .	5	6	11	2	3	5	2	1	3	—	—	—	1	2	3
3. With cerebral arteriosclerosis . . . . .	11	5	16	5	2	7	2	—	2	—	—	—	4	3	7
4. General paralysis . . . . .	9	—	9	5	—	5	2	—	2	2	—	2	—	—	—
5. With cerebral syphilis . . . . .	1	—	1	—	—	—	—	—	—	1	—	1	—	—	—
6. With Huntington's chorea . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases . . . . .	5	1	6	1	—	1	4	—	4	—	—	—	—	1	1
9. Alcoholic . . . . .	10	1	11	—	—	—	—	—	—	10	1	11	—	—	—
10. Due to drugs and other ex- toxicins . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases . . . . .	1	1	2	1	1	2	—	—	—	—	—	—	—	—	—
13. Manic-depressive . . . . .	7	12	19	2	9	11	2	1	3	3	1	4	—	1	1
14. Involution melancholia . . . . .	—	4	4	—	3	3	—	—	—	—	—	—	—	1	1
15. Dementia praecox . . . . .	25	21	46	9	13	22	11	3	14	1	1	2	4	4	8
16. Paranoia and paranoid con- ditions . . . . .	2	1	3	1	1	2	1	—	1	—	—	—	—	—	—
17. Epileptic psychoses . . . . .	1	—	1	—	—	—	—	—	—	1	—	1	—	—	—
18. Psychoneuroses and neuroses . . . . .	1	2	3	—	1	1	1	1	2	—	—	—	—	—	—
19. With psychopathic personality . . . . .	2	1	3	1	1	2	1	—	1	—	—	—	—	—	—
20. With mental deficiency . . . . .	—	2	2	—	1	1	—	—	—	—	—	—	—	1	1
21. Undiagnosed psychoses . . . . .	1	—	1	—	—	—	1	—	1	—	—	—	—	—	—
22. Without psychosis . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total. . . . .	81	58	139	27	36	63	27	6	33	18	3	21	9	13	22



TABLE 14. *Psychoses of Readmissions*

PSYCHOSES	Males	Females	Total.
1. Traumatic . . . . .	—	—	—
2. Senile psychoses . . . . .	—	1	1
3. Psychoses with cerebral arteriosclerosis . . . . .	2	1	3
4. General paralysis . . . . .	2	—	2
5. Psychoses with cerebral syphilis . . . . .	—	—	—
6. Psychoses with Huntington's chorea . . . . .	—	—	—
7. Psychoses with brain tumor . . . . .	—	—	—
8. Psychoses with other brain or nervous diseases . . . . .	—	—	—
9. Alcoholic psychoses . . . . .	—	—	—
10. Psychoses due to drugs and other exogenous toxins . . . . .	—	—	—
11. Psychoses with pellagra . . . . .	—	—	—
12. Psychoses with other somatic diseases . . . . .	—	—	—
13. Manic-depressive psychoses . . . . .	4	10	14
14. Involution melancholia . . . . .	—	—	—
15. Dementia praecox . . . . .	2	4	6
16. Paranoia and paranoid conditions . . . . .	—	—	—
17. Epileptic psychoses . . . . .	—	—	—
18. Psychoneuroses and neuroses . . . . .	—	1	1
19. Psychoses with psychopathic personality . . . . .	—	—	—
20. Psychoses with mental deficiency . . . . .	—	—	—
21. Undiagnosed psychoses . . . . .	—	—	—
22. Without psychosis . . . . .	—	—	—
Total . . . . .	10	17	27

TABLE 15. *Discharge of Patients Classified with Reference to Principal Psychoses and Condition of Discharge*

PSYCHOSES	Total			Recovered			Improved			Unimproved		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic . . . . .	1	—	1	—	—	—	1	—	1	—	—	—
2. Senile . . . . .	1	—	1	—	—	—	1	—	1	—	—	—
3. With cerebral arteriosclerosis . . . . .	—	1	1	—	—	—	—	1	1	—	—	—
4. General paralysis . . . . .	1	1	2	—	—	—	1	1	2	—	—	—
5. With cerebral syphilis . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases . . . . .	2	—	2	—	—	—	2	—	2	—	—	—
9. Alcoholic . . . . .	7	1	8	1	—	1	5	1	6	1	—	1
10. Due to drugs and other exogenous toxins . . . . .	1	—	1	—	—	—	1	—	1	—	—	—
11. With pellagra . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases . . . . .	—	3	3	—	—	—	—	3	3	—	—	—
13. Manic-depressive . . . . .	8	14	22	—	—	—	7	13	20	1	1	2
14. Involution melancholia . . . . .	—	1	1	—	—	—	—	1	1	—	—	—
15. Dementia praecox . . . . .	5	16	21	—	—	—	4	13	17	1	3	4
16. Paranoia and paranoid conditions . . . . .	—	2	2	—	—	—	—	2	2	—	—	—
17. Epileptic psychoses . . . . .	2	—	2	—	—	—	1	—	1	1	—	1
18. Psychoneuroses and neuroses . . . . .	—	1	1	—	—	—	—	—	—	—	1	1
19. With psychopathic personality . . . . .	1	3	4	—	—	—	1	3	4	—	—	—
20. With mental deficiency . . . . .	—	2	2	—	1	1	—	1	1	—	—	—
21. Undiagnosed psychoses . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis . . . . .	—	—	—	—	—	—	—	—	—	—	—	—
Total . . . . .	29	45	74	1	1	2	24	39	63	4	5	9



TABLE 16. Causes of Death of Patients Classified with Reference to Principal Psychoses

CAUSES OF DEATH	Total			Senile		With cerebral arterio-sclerosis		General paralysis		Alcoholic		Manic-depressive		Involution melancholia	
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
<i>Epidemic, Endemic and Infectious Diseases</i>															
Influenza . . . . .	1	1	2	-	1	1	-	-	-	-	-	-	-	-	-
Tuberculosis of the respiratory system . . . . .	2	3	5	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis of other organs . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis (non-nervous forms) . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Purulent infection, septicaemia . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
<i>General Diseases not Included in Class I</i>															
Cancer and other malignant tumors . . . . .	1	4	5	-	1	1	-	-	-	-	-	-	-	-	-
Tumor (non-cancerous) . . . . .	1	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Diabetes . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
<i>Diseases of the Nervous System</i>															
Cerebral hemorrhage, apoplexy . . . . .	1	1	2	-	-	-	1	-	1	-	-	-	-	-	-
General paralysis of the insane . . . . .	7	1	8	-	-	-	-	7	1	8	-	-	-	-	-
Other diseases of the nervous system . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
<i>Diseases of the Circulatory System</i>															
Endocarditis and myocarditis . . . . .	5	2	7	3	-	3	1	-	1	-	-	-	-	-	-
Arteriosclerosis . . . . .	4	3	7	1	-	1	2	1	3	-	-	-	-	-	-
<i>Diseases of the Respiratory System</i>															
Bronchopneumonia . . . . .	2	1	3	2	-	2	-	-	-	-	-	-	-	1	1
Lobar pneumonia . . . . .	5	-	5	-	-	-	2	-	2	-	-	-	-	-	-
Other diseases of the respiratory system (tuberculosis excepted) . . . . .	3	-	3	-	-	-	1	-	1	-	-	-	-	-	-
<i>Non-Veneral Diseases of Genito-Urinary System and Anus</i>															
Nephritis . . . . .	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Other diseases of genito-urinary system . . . . .	1	1	2	-	-	-	-	-	-	-	-	-	-	-	-
<i>Diseases of the Skin and the Cellular Tissue</i>															
Other diseases of skin and annæxa . . . . .	1	1	1	-	1	1	-	-	-	-	-	-	-	-	-
Other diseases not Included in Above Groups . . . . .	2	2	4	1	1	2	1	-	1	-	-	-	-	-	-
<i>External Causes</i>															
Other external causes . . . . .	-	1	1	-	1	1	-	-	-	-	-	-	-	-	-
Total . . . . .	40	22	62	7	5	12	8	1	9	8	1	9	-	-	1

TABLE 16. Causes of Death of Patients Classified with Reference to Principal Psychoses — Concluded.

CAUSES OF DEATH	Dementia praecox		Paranoia and paranoid conditions		Epileptic psychoses		Psycho-neuroses and neuroses		With psychopathic personality		With mental deficiency		# All other psychoses
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	
<i>Epidemic, Endemic and Infectious Diseases</i>													
Influenza	1	—	1	—	—	—	—	—	—	—	—	—	—
Tuberculosis of the respiratory system	1	3	4	—	—	—	—	—	—	—	1	—	—
Tuberculosis of the organs	1	—	1	—	—	—	—	—	—	—	—	—	—
Syphilis (non-nervous forms)	—	—	—	—	—	—	—	—	—	—	—	—	1
Purulent infection, septicaemia	1	—	1	—	—	—	—	—	—	—	—	—	—
<i>General Diseases not Included in Class I</i>													
Cancer and other malignant tumors	1	1	2	—	—	1	1	—	—	—	—	—	1
Tumor (non-cancerous)	—	1	1	—	—	—	—	—	—	—	—	—	—
Diabetes	—	—	—	—	—	—	—	—	—	—	—	—	1
<i>Diseases of the Nervous System</i>													
Cerebral hemorrhage, apoplexy	—	1	1	—	—	—	—	—	—	—	—	—	—
General paralysis of the insane	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases of the nervous system	—	—	—	—	—	—	—	—	—	—	—	—	1
<i>Diseases of the Circulatory System</i>													
Endocarditis and myocarditis	—	1	1	—	1	1	—	—	—	—	—	—	1
Arteriosclerosis	—	1	1	—	—	—	—	—	1	1	—	—	1
<i>Diseases of the Respiratory System</i>													
Bronchopneumonia	—	—	—	—	—	—	—	—	—	—	—	—	—
Lobar pneumonia	2	—	2	—	—	—	—	—	—	—	—	—	—
Other diseases of the respiratory system (tuberculosis excepted)	1	—	1	—	—	—	—	—	—	—	—	—	1
<i>Non-Veneral Diseases of Genito-Urinary System and Anæmia</i>													
Nephritis	1	—	1	—	—	—	—	—	—	—	—	—	—
Other diseases of genito-urinary system	1	1	2	—	—	—	—	—	—	—	—	—	—
<i>Diseases of the Skin and the Cellular Tissue</i>													
Other diseases of the skin and annæxa	—	—	—	—	—	—	—	—	—	—	—	—	—
Other diseases not included in above Groups	—	1	1	—	—	—	—	—	—	—	—	—	—
<i>External Causes</i>													
Other external causes	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	10	10	20	—	1	1	—	—	—	1	1	—	6
													1
													7

\* Includes group 22, "without psychosis."

TABLE 17. Age of Patients at Time of Death Classified with Reference to Principal Psychoses

PSYCHOSES	Total			25-29 years	30-34* years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-69 years	70 years and over
	M.	F.	T.									
1. Traumatic.	7	5	12	-	-	-	-	-	-	-	-	-
2. Senile.	8	1	9	-	-	-	-	-	-	-	-	-
3. With cerebral arteriosclerosis.	8	1	9	-	-	-	-	1 1	-	1 1	1 1	6 4 10
4. General paralysis.	1	-	1	-	-	2	1	-	3	1	3	5
5. With cerebral syphilis.	-	-	-	-	-	-	1	-	-	1	1	2
6. With Huntington's chorea.	-	-	-	-	-	-	-	-	-	-	-	-
7. With brain tumor.	-	-	-	-	-	-	-	-	-	-	-	-
8. With other brain or nervous diseases.	2	-	2	-	-	1	-	-	-	-	-	-
9. Alcoholic.	-	-	-	-	-	1	1	-	-	-	-	1
10. Due to drugs and other exogenous toxins.	-	-	-	-	-	-	-	-	-	-	-	-
11. With pellagra.	-	-	-	-	-	-	-	-	-	-	-	-
12. With other somatic diseases.	1	1	2	-	-	-	-	1 1	1	-	-	-
13. Manic-depressive.	-	-	-	-	-	-	-	-	-	-	-	-
14. Involution melancholia.	-	1	1	-	-	-	-	-	-	-	1 1	-
15. Dementia praecox.	10	10	20	2 1 3	-	1	2 2 4	3 3	1 1 2	1 1 2	-	3 2 5
16. Paranoia and paranoid conditions.	-	1	1	-	-	-	-	-	1 1	-	-	-
17. Epileptic psychoses.	-	-	-	-	-	-	1 1	-	-	-	-	-
18. Psychoneuroses and neuroses.	-	-	-	-	-	-	-	-	-	-	-	-
19. With psychopathic personality.	1	-	1	1	-	-	-	-	-	1 1	-	-
20. With mental deficiency.	-	-	-	-	-	-	-	-	-	-	-	-
21. Undiagnosed psychoses.	-	-	-	-	-	-	-	-	-	-	-	-
22. Without psychosis.	2	-	2	-	1	-	-	-	-	-	-	1
Total.	40	22	62	3 1 4	1 - 1	4 - 4	4 3 7	- 5 5	5 2 7	3 2 5	4 3 7	16 6 22

\*None between 35-39.

TABLE 18. *Total Duration of Hospital Life of Patients Dying in Hospital Classified with Reference to Principal Psychoses*

Psychoses	Total			Less than 1 month			1-3 months			4-7 months			8-12 months			1-2 years			3-4 years		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.
1. Traumatic . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Senile . . . . .	7	5	12	2	1	3	1	1	2	2	2	4	—	—	—	1	—	1	1	1	2
3. With cerebral arteriosclerosis . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. General paralysis . . . . .	8	1	9	3	—	3	3	—	—	1	—	1	1	—	1	2	1	3	1	—	1
5. With cerebral syphilis . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. With Huntington's chorea . . . . .	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
7. With brain tumor . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. With other brain or nervous diseases . . . . .	2	—	2	—	—	—	—	—	—	—	—	—	2	—	2	—	—	—	—	—	—
9. Alcoholic . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
10. Due to drugs and other exogenous . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. With pellagra . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. With other somatic diseases . . . . .	1	1	2	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13. Manic-depressive . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14. Involution melancholia . . . . .	—	1	1	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—
15. Dementia praecox . . . . .	10	10	20	1	—	1	—	—	—	—	—	—	—	—	—	2	1	3	2	—	2
16. Paranoia and paranoid conditions . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
17. Epileptic psychoses . . . . .	—	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
18. Psychoneuroses and neuroses . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
19. With psychopathic personality . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
20. With mental deficiency . . . . .	1	1	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
21. Undiagnosed psychoses . . . . .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
22. Without psychosis . . . . .	2	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total . . . . .	40	22	62	8	1	9	4	2	6	4	2	6	5	1	6	6	3	9	5	2	7





